

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/518,159
Source: PC/10
Date Processed by STIC: 12/28/04

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/518,159

CRF Edit Date: 12/28/04
Edited by: AR

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

/ Deleted: / invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



PCT10

RAW SEQUENCE LISTING

DATE: 12/28/2004

PATENT APPLICATION: US/10/518,159

TIME: 19:39:14

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\12282004\J518159.raw

5 <110> APPLICANT: Cell Therapeutics Scandinavia AB

9 <120> TITLE OF INVENTION: Use of compounds having GIP activity for the treatment of disorders

10 associated with abnormal loss of cells and/or for the treatment of obesity

14 <130> FILE REFERENCE: P10553

C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/518,159

C--> 18 <141> CURRENT FILING DATE: 2004-12-10

18 <160> NUMBER OF SEQ ID NOS: 10

22 <170> SOFTWARE: PatentIn version 3.1

26 <210> SEQ ID NO: 1

28 <211> LENGTH: 126

30 <212> TYPE: DNA

32 <213> ORGANISM: Homo sapiens

36 <220> FEATURE:

38 <221> NAME/KEY: CDS

40 <222> LOCATION: (1)..(126)

42 <223> OTHER INFORMATION:

W--> 46 <400> 1

47 tac gcg gaa ggg act ttc atc agt gac tac agt att gcc atg gac aag 48

48 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys

49 1 5 10 15

51 att cac caa caa gac ttt gtg aac tgg ctg ctg gcc caa aag ggg aag 96

52 Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys

53 20 25 30

55 aag aat gac tgg aaa cac aac atc acc cag 126

56 Lys Asn Asp Trp Lys His Asn Ile Thr Gln

57 35 40

60 <210> SEQ ID NO: 2

62 <211> LENGTH: 42

64 <212> TYPE: PRT

66 <213> ORGANISM: Homo sapiens

70 <400> SEQUENCE: 2

72 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys

73 1 5 10 15

76 Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys

77 20 25 30

80 Lys Asn Asp Trp Lys His Asn Ile Thr Gln

81 35 40

84 <210> SEQ ID NO: 3

86 <211> LENGTH: 603

88 <212> TYPE: DNA

90 <213> ORGANISM: Rattus sp.

94 <220> FEATURE:

96 <221> NAME/KEY: CDS

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98 <222> LOCATION: (176)..(301)

100 <223> OTHER INFORMATION:

W--> 104 <400> 3

105 ggaagagcta agaagagctg ttggctcggg gacacaatct aggaagatgg tggctttgaa 60

107 gacctgctct ctgctgctgg tgctcctgtt cctggctgtc gggctgggag aaaaagaaga 120

109 ggttagattc cgatcccatg ctaaatttgc tggcccccga ccacgaggcc caagg tat 178

110 Tyr

111 1

113 gca gag ggg act ttc atc agt gat tac agc atc gcc atg gac aag atc 226

114 Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys Ile

115 5 10 15

117 cgc caa caa gac ttt gtg aac tgg ctt ctg gcc cag aag ggg aag aag 274

118 Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys Lys

119 20 25 30

121 aat gac tgg aaa cac aac ctc acc cag agagaggccc gggctttgga 321

122 Asn Asp Trp Lys His Asn Leu Thr Gln

123 35 40

125 gctggcagga caatctcaga gaaacgagga gaaagaggca caggggagct ctttgcccaa 381

127 gagcctcagt gatgaagatg tgctgaggga cttcttgatt caagagctac tggcctggat 441

129 ggcggaccaa gcagagctct gtcgactgag gtcccagtga ccgacctacc ccggagcagg 501

131 actggactct gaccttagct tgctcagatc ctgcttctgc cctgggtccaa agtctctgag 561

133 agaaccaaac caataaagcc ttgagctgaa gtaaaaaaaaa aa 603

136 <210> SEQ ID NO: 4

138 <211> LENGTH: 42

140 <212> TYPE: PRT

142 <213> ORGANISM: Rattus sp.

146 <400> SEQUENCE: 4

148 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys

149 1 5 10 15

152 Ile Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys

153 20 25 30

156 Lys Asn Asp Trp Lys His Asn Leu Thr Gln

157 35 40

160 <210> SEQ ID NO: 5

162 <211> LENGTH: 25

164 <212> TYPE: DNA

166 <213> ORGANISM: Artificial Sequence

170 <220> FEATURE:

172 <223> OTHER INFORMATION: synthetic construct

174 <400> SEQUENCE: 5

175 aagaggttga gttccgatcc catgc 25

178 <210> SEQ ID NO: 6

180 <211> LENGTH: 24

182 <212> TYPE: DNA

184 <213> ORGANISM: Artificial Sequence

188 <220> FEATURE:

190 <223> OTHER INFORMATION: synthetic construct

192 <400> SEQUENCE: 6

193 gattgtcctg ccagctccaa agcc 24

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\12282004\J518159.raw

196 <210> SEQ ID NO: 7
198 <211> LENGTH: 48
200 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
208 <223> OTHER INFORMATION: synthetic construct
210 <400> SEQUENCE: 7
211 ggctttggag ctggcaggac aatctcagag aaacgaggag aaagaggc 48
214 <210> SEQ ID NO: 8
216 <211> LENGTH: 48
218 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
226 <223> OTHER INFORMATION: synthetic construct
228 <400> SEQUENCE: 8
229 tgctggcccc cgaccacgag gcccaaggta tgcagagggg actttcat 48
232 <210> SEQ ID NO: 9
234 <211> LENGTH: 48
236 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
244 <223> OTHER INFORMATION: synthetic construct
246 <400> SEQUENCE: 9
247 gtacaggtga gcactgactt gggctgaagc tcaagagttg gttctgcc 48
250 <210> SEQ ID NO: 10
252 <211> LENGTH: 48
254 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
262 <223> OTHER INFORMATION: synthetic construct
264 <400> SEQUENCE: 10
265 cctgttcacg tctttcatgc tgcgagcagg ggccatcctc acccgaga 48

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/518,159

DATE: 12/28/2004

TIME: 19:39:15

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\12282004\J518159.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:46 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:42
L:104 M:258 W: Mandatory Feature missing, <223>'Blank for SEQ#:3,Line#:100